



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: August 11, 2009

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Approval of Single Source Vendor Purchase Of A \$34,123 Total Organic Carbon Analyzer For The Water Resources Laboratory

RECOMMENDATION: That Council:

- A. Find it in the City's best interest to issue a purchase order to Shimadzu Scientific Instruments (SSI) for the purchase of a Total Organic Carbon (TOC) analyzer, without bids, as authorized by Municipal Code Section 4.54.080 (k) ; and
- B. Authorize the General Services Manager to award purchase order contracts to SSI for services needed to maintain and repair the TOC analyzer for the next five-year period.

DISCUSSION:

The City's Water Resources Laboratory (Lab) analyzes water, wastewater, and soils to provide analytical data used for regulatory compliance and process operations at the City's Water Resources facilities.

TOC is one of the most frequently performed analyses. It reacts with chlorine to form disinfection by-products that are regulated in drinking water by the U.S. Environmental Protection Agency (EPA). The Lab is presently using an antiquated SSI TOC analyzer, which is at the end of its useful life.

In order to continue to produce data in compliance with federal standards, staff is requesting to replace the existing analyzer. To identify the most effective tool for the determination of TOC, laboratory staff evaluated several analyzers. The SSI analyzer was identified as best meeting City needs and is compatible with existing lab equipment and software which will allow for the easy integration of data. Staff is also requesting authorization to contract with SSI for maintenance and repair of the analyzer.

The total cost of replacement of the TOC analyzer and associated equipment is \$34,123. There are sufficient funds in the Water Fund budget to cover this cost. Cost for annual maintenance and repair of the TOC analyzer will be determined by the age of the machine and the amount of work required to keep it in good operating condition.

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Staff estimates annual costs will range from \$1,500 to \$3,500. Money will be included in future Water Fund operating budgets to cover this cost.

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SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office